

**WHAT IS CLAIMED IS:**

- 1     1.     A method of conducting commerce comprising:  
2             receiving a transaction request from a user as text  
3     input;  
4             using natural programming language to analysis the text  
5     input to build conversations with the user based on the  
6     transaction request;  
7             conducting the transaction with the user based on the  
8     text input;  
9             generating a voice-synthesized response in accordance  
10    with the transaction through an avatar; and  
11            tracking the transaction by storing the transaction in  
12    the database.
- 1     2.     The method of claim 1 wherein tracking comprises:  
2             searching a database find related information associated  
3     with conducting the transaction.
- 1     3.     The method of claim 1 wherein tracking comprises:  
2             generating follow-up messages to send to the use that is  
3     based on added information stored in the database.
- 1     4.     The method of claim 1 wherein the follow-up messages with  
2     the user are statistically analyzed to generate marketing  
3     related information.
- 1     5.     The method of claim 3 wherein the transaction is a user  
2     request as to order status for an order being tracked in the  
3     database.
- 1     6.     The method of claim 1 in which generating the response  
2     comprises:

3        searching a database in conjunction with the match; and  
4        animating the avatar with a voice and facial movements  
5        corresponding text produced from the match.

1       7.    The method of claim 6 in which animating comprises  
2       generating helpful verbal suggestions for conducting the  
3       transaction.

1       8.    The method of claim 7 in which animating comprises  
2       natural language programming (NLP) techniques to develop and  
3       build conversations between the user and the avatar.

1       9.    The method of claim 1 in which receiving the text input  
2       is in response to a suggestion generated by the avatar.

1       10.   The method of claim 1 wherein the program performs an  
2       inquiry as to financial information related to the user.

1       11.   The method of claim 1 wherein the program supports a  
2       sales transaction.

1       12.   The method of claim 1 wherein the program supports a help  
2       desk inquiry that involves customer support for a product or  
3       service.

1       13.   The method of claim 1 wherein the program supports a  
2       report for customer support to report a malfunctioning  
3       product, system, or service.

1       14.   The method of claim 1 wherein the program calls another  
2       program to process an inquiry.

1 15. A computer program product residing on a computer  
2 readable medium, for conducting commerce comprises  
3 instructions for causing a computer to:  
4 receive a transaction request from a user as text input;  
5 use natural programming language to analysis the text  
6 input to build conversations with the user based on the  
7 transaction request;  
8 conducting the transaction with the user based on the  
9 text input;  
10 generate a voice-synthesized response in accordance with  
11 the transaction through an avatar; and  
12 track the transaction by storing the transaction in the  
13 database.

1 16. The computer program product of claim 15 wherein  
2 instructions to track comprise instructions to:  
3 searching a database for related information associated  
4 with conducting the transaction.

1 17. The computer program product of claim 15 wherein  
2 instructions to track comprise instructions to:  
3 generating follow-up messages to send to the use that is  
4 based on added information stored in the database.

1 18. The computer program product of claim 15 wherein  
2 responses the follow-up messages are received and the  
3 responses are statistically analyzed to generate marketing  
4 related information.

1 19. The computer program product of claim 15 wherein the  
2 transaction is a user request as to order status for an order  
3 being tracked in the database.

1 20. The computer program product of claim 15 wherein  
2 instructions to generate the response comprise instructions  
3 to:

4 search a conversational engine in conjunction with the  
5 match; and

6 animate the avatar with a voice and facial movements  
7 corresponding text produced from the match.

1 21. The computer program product of claim 20 wherein  
2 instructions to animate comprise instructions to generate  
3 verbal suggestions for conducting the transaction.

1 22. The computer program product of claim 20 wherein  
2 instructions to animate comprise instructions to use natural  
3 language processing (NLP) techniques to develop and build  
4 conversations between the user and the avatar.

1 23. The computer program product of claim 20 wherein the  
2 program performs an inquiry as to financial information  
3 related to the user.

1 24. The computer program product of claim 20 wherein the  
2 program supports a sales transaction.

1 25. The computer program product of claim 20 wherein the  
2 program supports a help desk inquiry that involves customer  
3 support for a product or service.

1 26. The computer program product of claim 20 wherein the  
2 program supports a report for customer support to report a  
3 malfunctioning product, system, or service.

1 27. The computer program product of claim 20 wherein the  
2 program calls another program to process an inquiry.

1 28. A system for conducting commerce, the system comprising:  
2 a server computer for  
3 receiving a transaction request from a user as text  
4 input;  
5 using natural programming language to analysis the  
6 text input to build conversations with the user based on  
7 the transaction request;  
8 conducting the transaction with the user based on  
9 the text input;  
10 generating a voice-synthesized response in  
11 accordance with the transaction through an avatar; and  
12 tracking the transaction by storing the transaction  
13 in the database; and  
14 a client system for sending the text input to the server.

1 29. The system of claim 28 wherein the client system runs a  
2 web browser program.

1 30. The system of claim 28 wherein the server generates  
2 follow-up messages to send to the use that is based on added  
3 information stored in the database.

1 31. The system of claim 28 wherein the server receives  
2 responses to the follow-up messages and statistically analyzes  
3 the responses to generate marketing related information.